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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known	
Application Number	10/650 883
Filing Date	6/28/03
First Named Inventor	Mark G. Schrom
Art Unit	372A
Examiner Name	C. A. Abes
Attorney Docket Number	02-064D (ANSI01-00066)

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

C. J. Ahles

Date Considered

✓ 1/3 102

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Complete if Known	
Application Number	10/650,883
Filing Date	August 28, 2003
First Named Inventor	Mark G. Schrom
Art Unit	3762 3729
Examiner Name	(Not Yet Assigned) Cindy Arbogast
Attorney Docket Number	02-064D (ANSI01-00066)

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Charles

Date
Considered

E/3/00

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Sheet 1 of 2

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Application Number	10/650,883
Filing Date	08/28/2003
First Named Inventor	Mark G. Schrom
Art Unit	3762-3729
Examiner Name	Not Yet Assigned C. J. Arb - e
Attorney Docket Number	02-064D (ANSI01-00066)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
O/A	AA	US- 4,280,511	07/28/1981	O'Neill	
O/A	AB	US- 4,355,646	10/26/1982	Kallok et al.	
O/A	AC	US- 4,381,014	04/26/1983	Sandstrom et al.	
O/A	AD	US- 4,432,377	02/21/1984	Dickhudt	
O/A	AE	US- 4,437,474	03/20/1984	Peers-Trevarton	
O/A	AF	US- 4,559,951	12/24/1985	Dahl et al.	
O/A	AG	US- 4,566,467	01/28/1986	DeHaan	
O/A	AH	US- 4,592,372	06/03/1986	Beranek	
O/A	AI	US- 4,614,395	09/30/1986	Peers-Trevarton	
O/A	AJ	US- 4,706,682	11/17/1987	Stypulkowski et al.	
O/A	AK	US- 4,944,088	07/31/1990	Doan et al.	
O/A	AL	US- 5,251,643	10/12/1993	Osycka	
O/A	AM	US- 5,417,208	05/23/1995	Winkler	
O/A	AN	US- 5,431,681	07/11/1995	Helland	
O/A	AO	US- 5,458,629	10/17/1995	Baudino et al.	
O/A	AP	US- 5,609,622	03/11/1997	Soukup et al.	
O/A	AQ	US- 5,796,044	08/18/1998	Cobian et al.	
O/A	AR	US- Re. 35,924	10/13/1998	Winkler	
O/A	AS	US- 6,151,520	11/21/2000	Combs	

FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/650,883
Filing Date	August 28, 2003
First Named Inventor	Mark G. Schram
Art Unit	3762 3729
Examiner Name	Not Yet Assigned G.T. Arbes
Attorney Docket Number	02-064D

U. S. PATENT DOCUMENTS

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**Examiner
Signature**

C.-J.-Arbes

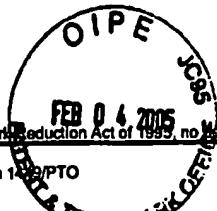
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Application Number	10/650,883
Filing Date	August 28, 2003
First Named Inventor	Mark G. Schrom
Art Unit	3762-3729
Examiner Name	(Not Yet Assigned) C.J. Arbez
Attorney Docket Number	02-064D (ANSI01-00066)

U. S. PATENT DOCUMENTS

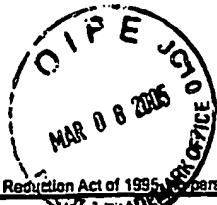
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Examiner Signature	C. A. Palles	Date Considered	4/3/06
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<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> <p>Sheet 1 of 1</p>	<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/650,883</td> </tr> <tr> <td>Filing Date</td> <td>August 28, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Mark G. Schrom</td> </tr> <tr> <td>Art Unit</td> <td>3762 3729</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned C.J. Arbes</td> </tr> <tr> <td>Attorney Docket Number</td> <td>02-064D (ANSI01-00066)</td> </tr> </table>	Application Number	10/650,883	Filing Date	August 28, 2003	First Named Inventor	Mark G. Schrom	Art Unit	3762 3729	Examiner Name	Not Yet Assigned C.J. Arbes	Attorney Docket Number	02-064D (ANSI01-00066)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

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**Examiner
Signature**

C. J. Arbes

Date Considered

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